


		NTSB ID: FTW94LA003		Aircraft Registration Number: N9762B	
		Occurrence Date: 10/01/1993		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place DFW AIRPORT	State TX	Zip Code 75261	Local Time 2344	Time Zone CDT	
Airport Proximity: On Airport		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer CESSNA		Model/Series 208B		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On October 1, 1993, at 2344 central daylight time, a Cessna 208B, N9762B, was substantially damaged following a loss of control while taxiing at the Dallas Fort Worth International Airport (DFW), Texas. The airline transport rated pilot was not injured.</p> <p>Visual meteorological conditions prevailed for the 14 CFR Part 135 on demand air taxi flight.</p> <p>According to the pilot, the all cargo flight operating under the call sign "Martinaire 639" departed Tulsa, Oklahoma, at 2201 on an IFR flight plan. A normal approach and landing were executed to Runway 17R at the DFW Airport. The pilot was instructed to hold short of Runway 17L, on taxiway 18, prior to taxiing to the northeast cargo area.</p> <p>According to the enclosed ATC transcript, Martinaire 639 was instructed to cross Runway 17L at 2236:53, behind a heavy MD-11 that was previously cleared for takeoff at 2235:53. Prior to issuing the clearance to cross, the pilot was issued a wake turbulence caution. The pilot stated that as he was in the process of crossing the runway, the MD-11 advanced its engines to takeoff power. The jet blast from the departing MD-11 struck the Cessna 208B and "blew my aircraft off of the runway."</p> <p>The left wing impacted the ground resulting in structural damage to the wing spar.</p>					
FACTUAL REPORT - AVIATION					

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: FTW94LA003			
		Occurrence Date: 10/01/1993			
		Occurrence Type: Accident			
Landing Facility/Approach Information					
Airport Name DFW INTERNATIONAL	Airport ID: DFW	Airport Elevation 603 Ft. MSL	Runway Used 17R	Runway Length 11388	Runway Width 200
Runway Surface Type: Concrete					
Runway Surface Condition: Dry					
Type Instrument Approach:					
VFR Approach/Landing: None					
Aircraft Information					
Aircraft Manufacturer CESSNA		Model/Series 208B		Serial Number 208B0109	
Airworthiness Certificate(s): Normal					
Landing Gear Type: Tricycle					
Homebuilt Aircraft? No	Number of Seats: 1	Certified Max Gross Wt. 8750 LBS		Number of Engines: 1	
Engine Type: Turbo Prop	Engine Manufacturer: P&W		Model/Series: PT6A-114	Rated Power: 600 HP	
- Aircraft Inspection Information					
Type of Last Inspection AAIP	Date of Last Inspection 08/08/1993	Time Since Last Inspection 168 Hours		Airframe Total Time 3435 Hours	
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? Yes	ELT Operated? No		ELT Aided in Locating Accident Site?		
Owner/Operator Information					
Registered Aircraft Owner CESSNA FINANCE CORPORATION		Street Address P.O BOX 308			
		City WICHITA	State KS	Zip Code 76201	
Operator of Aircraft MARTINAIRE, INC.		Street Address 8030 AVIATION PLACE, #2000			
		City DALLAS	State TX	Zip Code 75235	
Operator Does Business As:			Operator Designator Code: GPMA		
- Type of U.S. Certificate(s) Held:					
Air Carrier Operating Certificate(s): On-demand Air Taxi					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 135: Air Taxi & Commuter					
Type of Flight Operation Conducted: Unknown					
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First Pilot Information																																																																																				
Name		City		State	Date of Birth	Age																																																																														
On File		On File		On File	On File	37																																																																														
Sex: M	Seat Occupied: Left	Principal Profession: Civilian Pilot		Certificate Number: On File																																																																																
Certificate(s): Airline Transport; Flight Instructor																																																																																				
Airplane Rating(s): Multi-engine Land; Single-engine Land																																																																																				
Rotorcraft/Glider/LTA: None																																																																																				
Instrument Rating(s): Airplane																																																																																				
Instructor Rating(s): Airplane Single-engine																																																																																				
Type Rating/Endorsement for Accident/Incident Aircraft? No				Current Biennial Flight Review?																																																																																
Medical Cert.: Class 1		Medical Cert. Status: Valid Medical--w/ waivers/lim.		Date of Last Medical Exam: 02/22/1993																																																																																
<table border="1"> <thead> <tr> <th rowspan="2">- Flight Time Matrix</th> <th rowspan="2">All A/C</th> <th rowspan="2">This Make and Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multi-Engine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> </thead> <tbody> <tr> <td>Total Time</td> <td>2740</td> <td>598</td> <td>1009</td> <td>1731</td> <td>432</td> <td>134</td> <td>51</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td>2357</td> <td>598</td> <td>954</td> <td>1400</td> <td>427</td> <td>134</td> <td>51</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td>1039</td> <td></td> <td>1039</td> <td></td> <td>55</td> <td>10</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>347</td> <td>327</td> <td>348</td> <td>1</td> <td>180</td> <td>35</td> <td>1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>116</td> <td>111</td> <td>117</td> <td></td> <td>72</td> <td>13</td> <td>1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>5</td> <td>5</td> <td>5</td> <td></td> <td>2</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time	2740	598	1009	1731	432	134	51				Pilot In Command(PIC)	2357	598	954	1400	427	134	51				Instructor	1039		1039		55	10					Last 90 Days	347	327	348	1	180	35	1				Last 30 Days	116	111	117		72	13	1				Last 24 Hours	5	5	5		2	1				
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Seatbelt Used? Yes		Shoulder Harness Used? Yes		Toxicology Performed? No		Second Pilot? No																																																																														
Flight Plan/Itinerary																																																																																				
Type of Flight Plan Filed: IFR																																																																																				
Departure Point		State	Airport Identifier	Departure Time	Time Zone																																																																															
TULSA		OK	TUL	2201	CST																																																																															
Destination		State	Airport Identifier																																																																																	
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Type of Clearance: IFR																																																																																				
Type of Airspace: Class B; Class D; Class E																																																																																				
Weather Information																																																																																				
Source of Briefing: Commercial Weather Service; Flight Service Station																																																																																				
Method of Briefing:																																																																																				


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		Occurrence Type: Accident			

Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
DFW	2350	CDT	603 Ft. MSL	1 NM	270 Deg. Mag.
Sky/Lowest Cloud Condition: Clear				0 Ft. AGL	Condition of Light: Night/Dark
Lowest Ceiling: None			0 Ft. AGL	Visibility: 20 SM	Altimeter: 29.00 "Hg
Temperature: 26 °C		Dew Point: 17 °C		Wind Direction: 180	Density Altitude: Ft.
Wind Speed: 5		Gusts:		Weather Conditions at Accident Site: Visual Conditions	
Visibility (RVR): 0 Ft.		Visibility (RVV) 0 SM		Intensity of Precipitation: Unknown	
Restrictions to Visibility: None					
Type of Precipitation: None					

Accident Information					
Aircraft Damage:		Aircraft Fire:		Aircraft Explosion	
Classification:					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot					
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -				1	1
Other Ground	0	0	0		0
- GRAND TOTAL -	0	0	0	1	1

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	Occurrence Type: Accident	
Administrative Information		
Investigator-In-Charge (IIC) HECTOR R. CASANOVA,		
Additional Persons Participating in This Accident/Incident Investigation: GENE M BLAND FAA FSDO DALLAS, TX 75247		
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